

WHAT IS CLAIMED IS:

1. A system for receiving a message from a calling party associated with a telephone with a calling line number and providing said message to a called party associated with a telephone with a called line number, comprising:

a service switching point connected to said telephone with said called line number, said service switching point comprising a trigger responsive to a busy status on said called line number;

a signal transfer point adapted to communicate with said service switching point;

a service control point adapted to communicate with said signal transfer point, said service control point containing a database; and

a service node connected to said service switching point through a first data link, and connected to said service control point through a second data link;

wherein said service node is adapted to receive said message from said calling party into a voice messaging system when said called line number has a busy status, store said message, and deliver said message to said called party responsive to a request from said called party.

2. The system of claim 1 wherein said request from said called party is a call from said called line number to said voice messaging system.

3. The system of claim 1 further comprising a message waiting indication to said called party.

4. The system of claim 1 further comprising a third data link connected to said signal transfer point and adapted to communicate with a wireless telephone system.

5. The system of claim 1 wherein said service node is adapted to determine whether said calling party has granted permission to send said message.

6. The system of claim 1 wherein said service switching point is adapted to determine whether said calling party has granted permission to send said message.

7. The system of claim 1 wherein said service node is adapted to receive a predetermined input from said telephone of said calling party indicating that said message is forthcoming.

8. The system of claim 1 wherein said service node is adapted to prompt said calling party for said message.

9. The system of claim 1 wherein said service node comprises said voice messaging system.

10. The system of claim 1 wherein said service node is adapted to prompt said calling party with at least one message option.

11. The system of claim 10 wherein said prompt comprises audible voice notification.

12. The system of claim 1 wherein said service node is adapted to receive at least one message option from said calling party via one of either telephone keypad entry and voice recognition.

13. A system for receiving a message from a calling party associated with a telephone with a calling line number and providing said message to a called party associated with a wireless telephone with a called line number, comprising:

a home location register adapted to communicate with a mobile switching center;

said mobile switching center adapted to communicate with a plurality of cell sites, said mobile switching center comprising a trigger responsive to a busy status on said called line number;

said plurality of cell sites adapted to communicate with a plurality of wireless telephones;

a signal transfer point adapted to communicate with said mobile switching centers and said home location registers;

5 a service control point adapted to communicate with said signal transfer point; and

a service node adapted to communicate with said signal transfer point and to communicate with said mobile switching center;

10 wherein said service node is adapted to receive said message from said calling party into a voice messaging system when said called line number has a busy status, store said message, and deliver said message to said called party responsive to a request from said called party.

14. The system of claim 13 wherein said request from said called party is
15 a call from said called line number to said voice messaging system.

15. The system of claim 13 further comprising a message waiting
indication to said called party.

20 16. The system of claim 13 further comprising a data link connected to said signal transfer point and adapted to communicate with a wire line telephone system.

25 17. A method for delivering a message from a calling party associated with a telephone with a calling line number to a called party associated with a telephone with a called line number on a wire line telephone system comprising a messaging system and a service switching point, wherein a trigger responsive to a busy status of said called line number is set on said service switching point of said called line number, said method comprising:

30 triggering said service switching point to request call processing information;
receiving said message at said messaging system, said message being sent from said calling party after determining that said called line number has a busy status;

storing said message in said messaging system;
delivering said message to said called party responsive to a request.

18. The method of claim 17 further comprising activating a message
5 waiting indication to alert said called party that said message is stored in said messaging
system.

19. The method of claim 17 further comprising determining whether said
calling party has granted permission to send said message.

20. The method of claim 17 further comprising prompting said calling
party for said message after determining that said called line number has a busy status.

21. The method of claim 20 wherein said prompting for said message
15 comprises prompting with audible voice notification.

22. The method of claim 17 further comprising prompting said calling
party for at least one message option after receiving said message from said calling party, and
thereafter receiving said selected at least one message option from said calling party.

23. The method of claim 22 wherein said prompting for at least one
message option comprises prompting with audible voice notification.

24. The method of claim 22 wherein said receiving at least one message
25 option comprises receiving at least one message option via one of either telephone keypad
entry and voice recognition.

25. The method of claim 17 wherein delivering said message further
comprises sending said message to said called party at said called line number when said
30 called line number dials and connects to said messaging system.

26. The method of claim 17 further comprising determining if said calling party is a customer, and only if so, receiving said message from said calling party.

27. The method of claim 26 wherein determining if said calling party is a customer comprises comparing said calling party to a predetermined plurality of authorized calling parties.

28. The method of claim 17 further comprising prior to receiving said message, dialing said called line number and determining if a busy status is received, and if so, prompting said calling party for said message.

29. The method of claim 17 further comprising receiving said request for said message from said called party prior to delivering said message to said called party.

30. A method for delivering a message from a calling party associated with a telephone with a calling line number to a called party associated with a telephone with a called line number on a wireless telephone system comprising a messaging system and a mobile switching center, wherein a trigger responsive to a busy signal is set on said mobile switching center of said called line number, said method comprising:

triggering said mobile switching center to request call processing information;
receiving said message at said messaging system, said message being sent from said calling party after determining that said called line number has a busy status;
storing said message in said messaging system; and
delivering said message to said called party responsive to a request.

31. The method of claim 30 further comprising receiving said request from said called party requesting said message.

32. The method of claim 30 further comprising determining if said calling party is a customer, and only if so, receiving said message from said calling party.

33. The method of claim 30 further comprising prompting said calling party for said message.

34. The method of claim 30 further comprising prior to receiving said
5 message from said calling party, dialing said called line number and determining if a busy
status is received, and if so, prompting said calling party for said message.

35. The method of claim 30 further comprising activating a message waiting indication to alert said called party that said message is stored in said voice
10 messaging system.

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